



HELLENIC REPUBLIC  
MINISTRY OF DEVELOPMENT & INVESTMENTS  
GENERAL SECRETARIAT FOR RESEARCH AND TECHNOLOGY



**FORTH**  
FOUNDATION FOR RESEARCH & TECHNOLOGY - HELLAS  
INSTITUTE OF ASTROPHYSICS

**Two (2) PhD student positions in the framework of Public Investments Programs  
“ΠΔΕ00556”**

**Ref. 24369**

**Heraklion, 04.02.2020**

The Institute of Astrophysics (IA) of the Foundation for research and Technology Hellas (FORTH), in the framework of Public Investments Programs “ΠΔΕ00556”, is seeking to recruit two (2) PhD students.

**Job Description (Position 1)**

The student will work on the analysis and interpretation of multi-wavelength observations of star-forming galaxies, with emphasis on narrow-band H $\alpha$  imaging for the characterization of their star-forming activity

**Required qualifications**

- Experience in the acquisition and analysis of optical broad-band and narrow-band imaging, as well as, spectroscopic data (50%)
- Experience in the development of data analysis tools in python (20%)
- Knowledge of extragalactic astrophysics, with emphasis on star-formation in galaxies and their X-ray emission (30%)

**Location:** IA - FORTH, Heraklion Crete GREECE

**Start Date:** April 1, 2020

**Project Duration:** 6 months with possibility of extension according to the needs of the project

**Monthly salary:** 800 euro (net)



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### Job Description (Position 2)

The student will work on the study of X-ray binary populations of nearby galaxies in the context of the stellar populations of their host galaxies.

### Required qualifications

- Experience in X-ray binary population synthesis codes (50%)
- Experience in the development of data analysis tools in python and the management of large datasets (20%)
- Knowledge of X-ray astrophysics with emphasis on X-ray binary populations, and extragalactic astrophysics with emphasis on galaxy populations (30%)

**Location:** IA - FORTH, Heraklion Crete GREECE

**Start Date:** April 1, 2020

**Project Duration:** 6 months with possibility of extension according to the needs of the project

**Monthly salary:** 800 euro (net)

### Application Submission

Interested candidates who meet the aforementioned requirements are kindly asked to submit their applications, no later than **February 21, 2020, 23:59 local Greece** time to the address ([info@ia.forth.gr](mailto:info@ia.forth.gr)), with cc to Ass. Prof. A. Zezas ([azezas@physics.uoc.gr](mailto:azezas@physics.uoc.gr)).

### In order to be considered, the application must include:

- Application Form (please download file from the job announcement webpage <https://www.ia.forth.gr/employment-opportunities>)
- Brief CV
- Scanned copies of academic titles
- University department certificate for enrollment in a PhD program

**Any application received after the deadline will not be considered for the selection**



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## Contact

For information and questions regarding the application and selection procedure, candidates are asked to contact the secretariat ([info@ia.forth.gr](mailto:info@ia.forth.gr)), tel. +30 2810-394200.

For information and questions about the advertised position and the research activity of the group or the institute, please contact Ass. Prof. A. Zezas ([azezas@physics.uoc.gr](mailto:azezas@physics.uoc.gr)), tel. (+30) 2810 394212.

## Selection Announcement

The result of the selection will be announced on the website of IA - FORTH.

Candidates have the right to appeal the selection decision, by addressing their written objection to the IA secretariat within five (5) days since the results announcement on the web. They also have the right to access (a) the files of the candidates as well as (b) the table of candidates' scores (ranking of candidates results). All the above information related to the selection procedure will be available at the secretariat of IA - FORTH in line with the Hellenic Data Protection Authority.

## GDPR

FORTH is compliant with all legal procedures for the processing of personal data as defined by the **Regulation EU/2016/679 on the protection of natural persons with regard to the processing of personal data**.

FORTH processes the personal data and relevant supporting documents that you have submitted to us. Processing of that data is carried out exclusively for the needs and purposes of this specific call. Such data shall not be transmitted to or communicated to any third party unless required by law.

FORTH retains the above data up to the announcement of the final results of the call, unless further process and reservation is required by law or for purposes of exercise, enforcement, prosecution of certain one's legitimate legal rights' as defined in the Regulation EU/2016/679 and/or in national law.

We inform you that under the **Regulation EU/2016/679** you have the rights to be informed about your personal data, access to, rectification and erasure, restrictions of process and objection to as provided by applicable regulation and national laws.

We acknowledge also to you, that you have the right to file a complaint to the national Data Protection Authority. For any further information regarding exercise of your personal data protection rights, you may contact the Data Protection Officer at FORTH at [dpo@admin.forth.gr](mailto:dpo@admin.forth.gr).

You have the right to withdraw your application and consent for the processing of your personal data at any time. We inform you that, in this case, FORTH shall destroy such documents and/or supporting documents submitted and shall delete the related personal data.